

Title (en)  
AN IMAGING SYSTEM AND METHOD WITH STITCHING OF MULTIPLE IMAGES

Title (de)  
BILDGEBENDES SYSTEM UND -VERFAHREN MIT STITCHING MEHRERER BILDER

Title (fr)  
SYSTÈME ET PROCÉDÉ D'IMAGERIE PAR PIQUAGE D'IMAGES MULTIPLES

Publication  
**EP 3528210 A1 20190821 (EN)**

Application  
**EP 18156749 A 20180214**

Priority  
EP 18156749 A 20180214

Abstract (en)  
An imaging system combines a probe for obtaining image data in respect of a structure of interest below a surface of a subject, and a camera for obtaining images of the surface of the subject. A surface model of the subject's surface is obtained, and the position and/or orientation of the probe is tracked on the surface. Image data acquired at different positions and orientations is stitched based on the tracked position of the probe.

IPC 8 full level  
**G06T 7/77** (2017.01); **G06T 7/30** (2017.01)

CPC (source: EP US)  
**G06T 7/0012** (2013.01 - US); **G06T 7/30** (2016.12 - EP); **G06T 7/586** (2016.12 - US); **G06T 7/77** (2016.12 - EP); **G06T 7/97** (2016.12 - US); **A61B 8/5253** (2013.01 - EP); **G01S 7/52065** (2013.01 - EP); **G06T 2207/10108** (2013.01 - US)

Citation (applicant)  
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• US 6623432 B2 20030923 - POWERS JEFFRY E [US], et al  
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Citation (search report)  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3528210 A1 20190821**; CN 111727459 A 20200929; CN 111727459 B 20221206; EP 3752984 A1 20201223; EP 3752984 B1 20220406; JP 2021513412 A 20210527; US 2021012490 A1 20210114; WO 2019158350 A1 20190822

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**EP 18156749 A 20180214**; CN 201980013224 A 20190129; EP 19703261 A 20190129; EP 2019052029 W 20190129; JP 2020543184 A 20190129; US 201916969689 A 20190129